

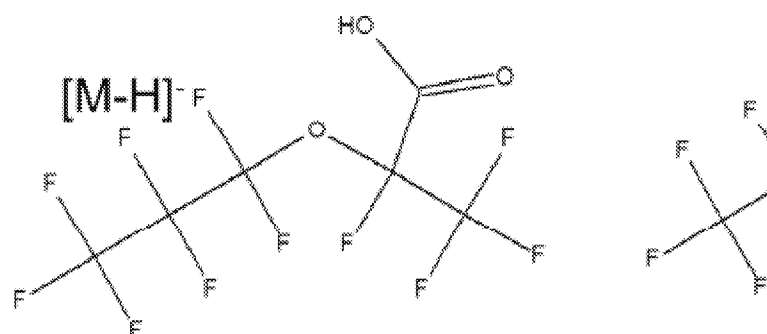
Message

From: Lindstrom, Andrew [Lindstrom.Andrew@epa.gov]
Sent: 7/20/2017 8:06:52 PM
To: Mort, Sandra L [sandy.mort@ncdenr.gov]
CC: Strynar, Mark [Strynar.Mark@epa.gov]
Subject: RE: Analytical Assistance for GenX and PFAS in Groundwater
Attachments: HFPO DuPont.pdf; hfpoda_m3hfpoda_20feb2013_wellington_reporter.pdf; Strynar et al. 2015.pdf

Sandra,

Please check out the attachments. The Wellington specification sheet correctly identifies the issue and the native and mass labeled standards needed for the analysis.

Target Compound CAS # 13252-13-6



2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate

Molecular Formula: $C_6HF_{11}O_3$
 Formula Weight: 330.0528
 Composition: C(21.83%) H(0.31%) F(63.32%) O(14.54%)
 Monoisotopic Mass: 329.9750 Da
 $[M-H]^-$: 328.9677 Da

number	formula	CAS no.	name	$[M]^+$	$[M-H]^-$ m/z	$[2M-2H+Na]^-$ m/z	$[2M-H]$ m/z
Monoether PFECAs							
1	$C_3HF_5O_3$			179.9846	178.9773	380.9438	358.9619
2	$C_6HF_9O_3$			229.9813	228.9740	480.9372	458.9553
3	$C_9HF_{11}O_3$	863090-89-5		279.9782	278.9709	580.9310	558.9491
4	$C_6HF_{11}O_3$	13252-13-6	undecafluoro-2-methyl-3-oxahexanoic acid	329.9750	328.9677	680.9247	658.9427

Thank you,

Andy

From: Mort, Sandra L [mailto:sandy.mort@ncdenr.gov]
Sent: Thursday, July 20, 2017 12:10 PM
To: Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>
Subject: RE: Analytical Assistance for GenX and PFAS in Groundwater

Andrew –

A question has come up in our pursuit of obtaining comprehensive PFAS in groundwater scans from the Chemours-Fayetteville facility that I hope you can provide some clarity on.

Through various sources I have identified “GenX” as CASN 13252-13-6, 2,3,3,3-tetrafluoro-2(heptafluoropropoxy)propanoic acid. In a work plan submitted by Chemours for their GW sampling, they are identifying GenX as “hexafluoropropylene oxide dimer acid (HFPO-DA)”.

Can you confirm the CASN for the compound that your lab reports as GenX?

And, are you familiar with the HFPO-DA compound, & did your lab see this compound in the river samples?

I am gathering the GW data that we have for the Fayetteville facility & will be sending them to you within the next couple of days.

Thanks

Sandy

Sandy Mort, Ph.D., M.S.

Environmental Toxicologist / Risk Assessor

Division of Waste Management – Hazardous Waste & Brownfields

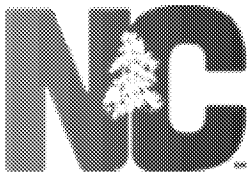
NC Department of Environmental Quality

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Nothing Compares

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From: Lindstrom, Andrew [<mailto:Lindstrom.Andrew@epa.gov>]

Sent: Wednesday, July 19, 2017 7:47 AM

To: Mort, Sandra L <sandy.mort@ncdenr.gov>

Cc: Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>; Buckley, Timothy <Buckley.Timothy@epa.gov>; Medina-Vera, Myriam <Medina-Vera.Myriam@epa.gov>; Biales, Adam <Biales.Adam@epa.gov>; Strynar, Mark <Strynar.Mark@epa.gov>

Subject: Analytical Assistance for GenX and PFAS in Groundwater

Sandy,

It was a pleasure speaking with you this morning regarding your request for analytical assistance for GenX and other PFAS in groundwater samples from the Fayetteville site.

Please direct this request to the Director of our laboratory, Dr. Jennifer Orme-Zavaleta (Orme-Zavaleta.Jennifer@epa.gov) and close copy Dr. Timothy Buckley (Buckley.Timothy@epa.gov), Dr. Myriam Medina-Vera (Medina-Vera.Myriam@epa.gov), Dr. Adam Biales (Biales.Adam@epa.gov), and Dr. Mark Strynar (Strynar.Mark@epa.gov).

Thank you very much,

Andy